

Application story



Cleaning Mud Filters on Oil Rigs

Location	Norway	Hydra-Cell model	G15XDBTHFEMB
Type of application	High Pressure Cleaning	Flow rate	48 l/min (13 gpm)
Liquid	Water	Pressure	Up to 170 bar (Up to 2500 psi)
Application details	In drilling an oil well borehole, drilling fluid ('mud') is injected as lubricant and coolant and carrier of a harsh mix of broken rock shales and other constituents as it rises back to the surface. Before reinjection the mud is cleaned and separated from solids, initially by shaker screens. Cleaning these screens thoroughly without damaging them is not straightforward, but it is a critically important operation. A specialist Norwegian OEM serving the offshore industry has developed a new, efficient cleaning system, relying on the seal-less Hydra-Cell G15 high-pressure pump for sustainable performance under difficult conditions.		
Advantages of Hydra-Cell pump on this application	Seal-less design, with ability to handle recycled water with solid particles. Smooth low-pulse flow. High pressure capability. Compact design.		

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